

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001584

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 12/28, H04J 3/16, H04L 29/06, H04L 12/46
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04L, H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 03050986 A1 (ORTON BUSINESS LTD.), 19 June 2003 (19.06.2003), page 1, line 6 - page 3, line 12, claims 1-15, abstract --	1-9
Y	EP 1339198 A1 (ALCATEL), 27 August 2003 (27.08.2003), claims 1-12, abstract, see paragraph(s) [0005]-[0013], [0033]-[0047] --	1-9
A	EP 1229692 A1 (BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY), 7 August 2002 (07.08.2002), claims 1-12, see paragraph(s) [0050]-[0053] --	1-9

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

15 April 2004

Date of mailing of the international search report

10 -05- 2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Roger Bou Faisal/mj
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001584

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003074449 A1 (RORY SMITH ET AL), 17 April 2003 (17.04.2003), claims 1-15, see paragraph(s) [0033]-[0092], [0120]-[0122], [0199]. --	1-9
A	US 2003035445 A1 (TAT YIN CHOI), 20 February 2003 (20.02.2003), see the whole document -- -----	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

27/02/2004

International application No.

PCT/SE 2003/001584

WO 03050986 A1 19/06/2003 NONE

EP	1339198	A1	27/08/2003	CN	1440162	A	03/09/2003
				CN	1440163	A	03/09/2003
				EP	1339181	A	27/08/2003
				EP	1339183	A	27/08/2003
				EP	1339184	A	27/08/2003
				EP	1339185	A	27/08/2003
				US	2003161269	A	28/08/2003
				US	2003161270	A	28/08/2003
				US	2003161320	A	28/08/2003
				US	2003161344	A	28/08/2003
				US	2003165153	A	04/09/2003

EP	1229692	A1	07/08/2002	CA	2435798	A	15/08/2002
				EP	1356638	A	29/10/2003
				WO	02063834	A	15/08/2002

US	2003074449	A1	17/04/2003	NONE
----	------------	----	------------	------

US	2003035445	A1	20/02/2003	NONE
----	------------	----	------------	------
